BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work:- *Construction & Improvements of RCC roads & drains at road Adjecement to Ramachandra Hospital 4th Main, 3rd cross road in Ward No.15 .Dasarahalli, Under Emergency Fund*

Estimate Cost :- 5.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Construction & Improvements of RCC roads & drains at road Adjecement to Ramachandra Hospital 4th Main, 3rd cross road in Ward No.15 .Dasarahalli, Under Emergency Fund

			Est. Cost Rs				5.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2: Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3. in hard soil **Page No. 150/ Item No. 19.2/ PWD SR 2012-13**	Cum							
	Ramachandra Hospital 4th Main 3rd cross L/s		1	46.00	0.90	0.75	31.05		
	Ramachandra Hospital 4th Main 3rd cross R/s		1	49.00	0.90	0.75	33.08		
	cross roads		2	70.00	0.60	0.45	37.80		
							101.93	81.00	**8256.00**
	Basic Rate	75.00							
	Area Weightage 8%	6.00							
	Total	**81.00**							
2	KSRRB M2900-1: Plain cement concrete 1:3:6 mix with crushed stone aggregates 40m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14days complete as per specifications. MORTH Specification No. 408 **Page No. 259/ Item No. 34.1/ PWD SR 2012-13**	Cum							
	Ramachandra Hospital 4th Main 3rd cross L/s		1	46.00	0.75	0.15	5.18		
	Ramachandra Hospital 4th Main 3rd cross R/s		1	49.00	0.75	0.15	5.51		
							10.69	3654.72	**39060.00**
	Basic Rate	3384.00							
	Area Weightage @ 8%	270.72							
	Total	**3654.72**							
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick layers and well compacted vibrating curing and necessary steel or ply wood or plank centering and form work etc., including smooth finish in CM 1:3,with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete for beams, columns, staircase and roof with M-20(Cement-320 kg/cum) **Page No. 19/ Item No. 4.49.1/ PWD SR 2011-12**	Cum							

ನಂ. EE/DO/TS/267/13-14 ದಿನಾಂಕ: 02/1/2014
ರೂ. 5.00/Lakhs (Rupees Five Lakhs only)
ಗಳ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

	Bottom Slab								
	Ramachandra Hospital 4th Main 3rd cross L/s		1	46.00	0.60	0.15	4.14		
			1	49.00	0.60	0.15	4.41		
	Side Wall								
			2	46.00	0.15	0.60	8.28		
			2	49.00	0.15	0.60	8.82		
							25.65	5535.32	**141981.00**
	Basic Rate	5222.00							
	Area Weightage @ 6%	313.32							
	Total	**5535.32**							
4	KSRB 4.9.2: providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.46/ PWD SR 2012-13**	q		kg/Cum					
	45 kg/Cum		**25.65**		45.00		1154.25		
							12.00	7187.86	**86254.00**
	Basic Rate	6781.00							
	Area Weightage @ 6%	406.86							
	Total	**7187.86**							
5	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 17/ Item No. 4.32/ PWD SR 2012-13**	Sqm							
	Side Wall		2x2	46.00	_	0.90	165.60		
	Side Wall		2x2	49.00	_	0.90	176.40		
							342.00	298.92	**102231.00**
	Basic Rate	282.00							
	Area Weightage 6%	16.92							
	Total	**298.92**							
6	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	0		1	46.00	0.75	_	34.50		
			1	49.00	0.75	_	36.75		
							71.25	1600.00	**114000.00**

	Data Rate Approved by CE Rs.1600/ Sqm	**1600.00**							
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 148 Item No. 17.1 PWD SR 2012-13**	Cum							
				Qty. Vide Item No. 1			**101.93**		
	4kms Basic Rate	10.24		Qty Limited			101.93	78.24	**7975.00**
	Loading and Unloading Charges	62.20							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							
8	Miscellaneous and UnforessenCharges								**243.00**
								Total	**500000.00**
	(Rupees Five Lakhs Only)								

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2012-13
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

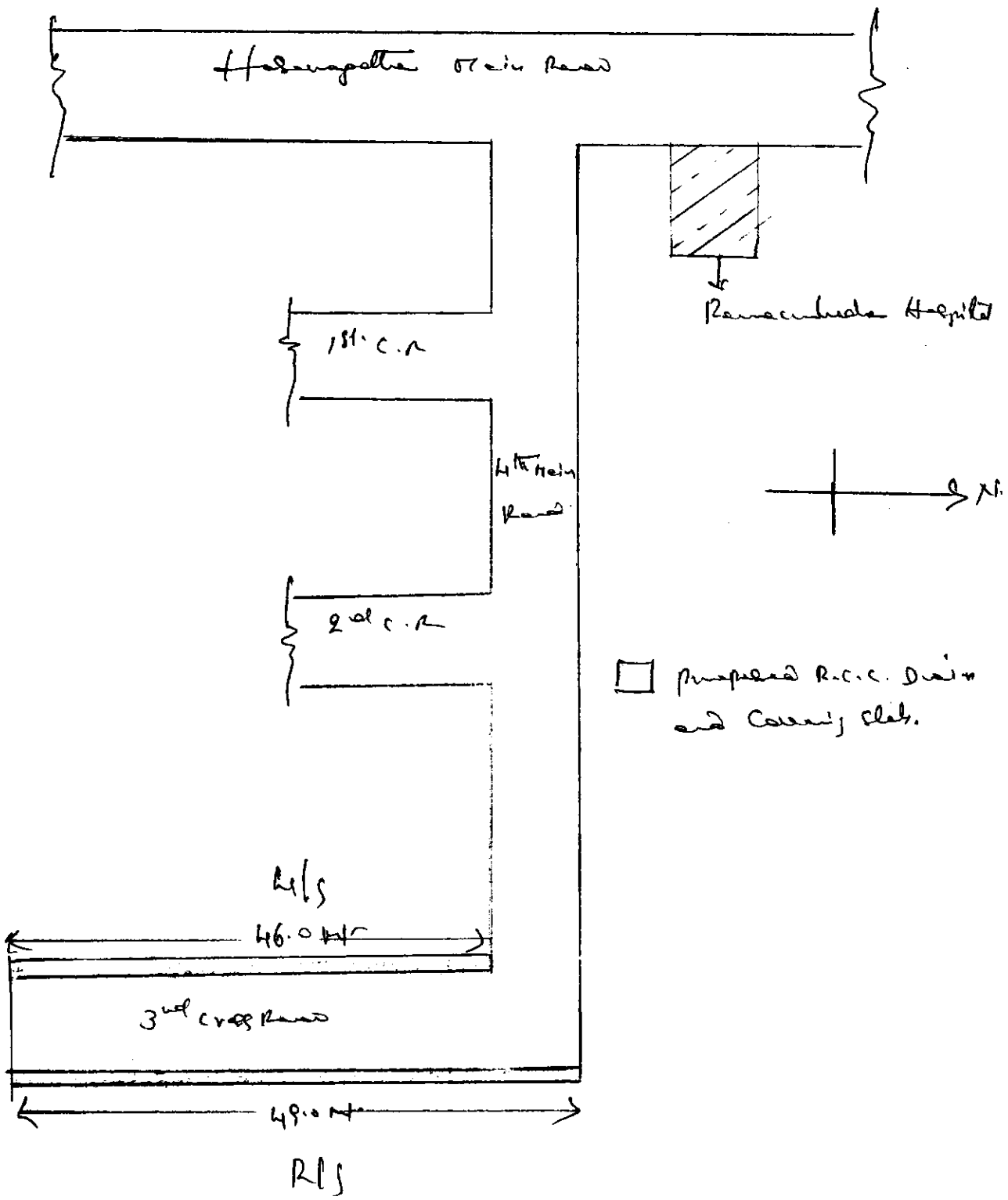
Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S
JC(DH)AS 345/13-14 23/12/13
05.00 lakhs (Rupees five lakhs only)

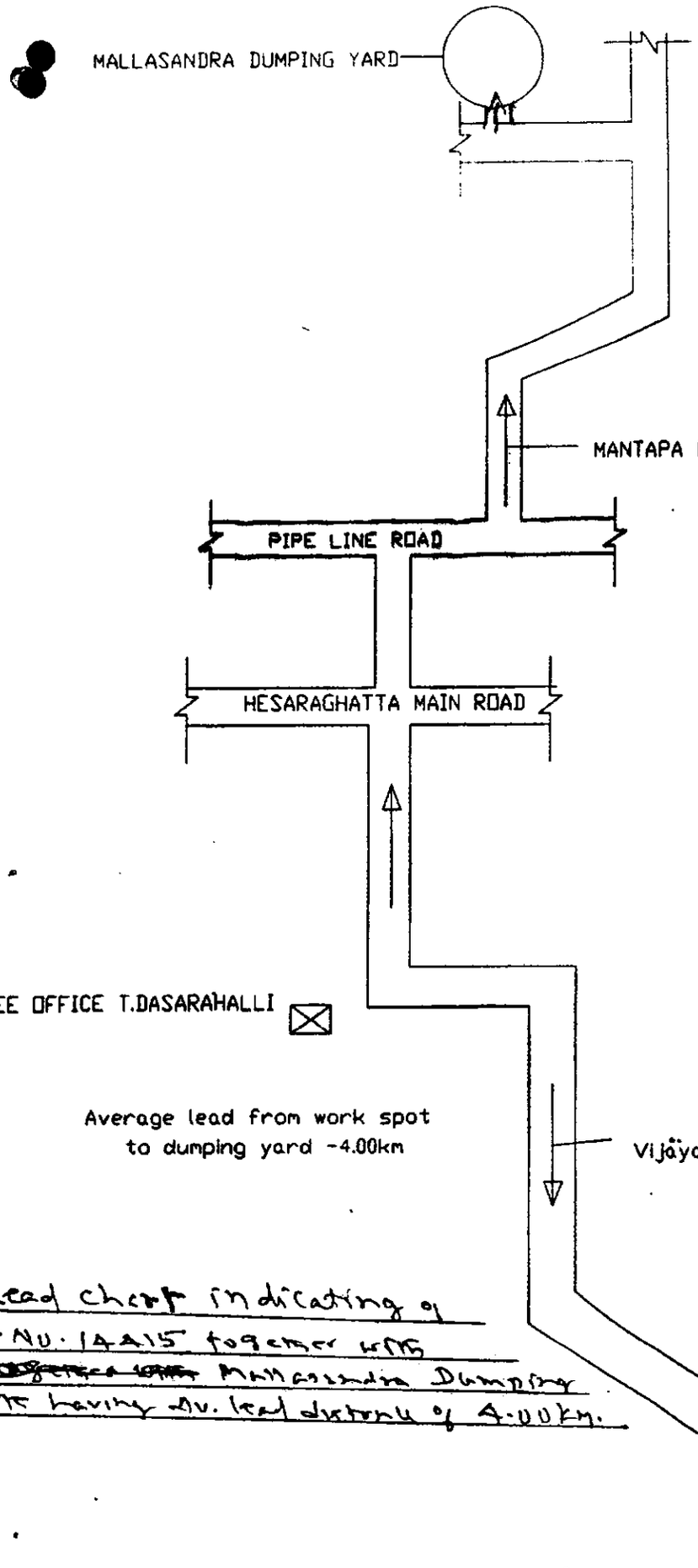
Page No. 003
Sl. No. 345
23/12

Name of work :- Construction of R.C.C Road & Drain at Adjacent to Ramachandra Hospital 4th Main Road 3rd C.R. at Ward No. 15 Doddakalli



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ, ಬೆಂಗಳೂರು - 560 073

LEAD CHART FOR TRANSPORTING SILT FROM WORK SPOT TO DUMPING YARD



Lead chart indicating of W.No. 14 & 15 together with Mallasandra Dumping Site having Av. lead distance of 4.00 Km.

"Approved"

Assist. Engineer
Ward no.14 & 15

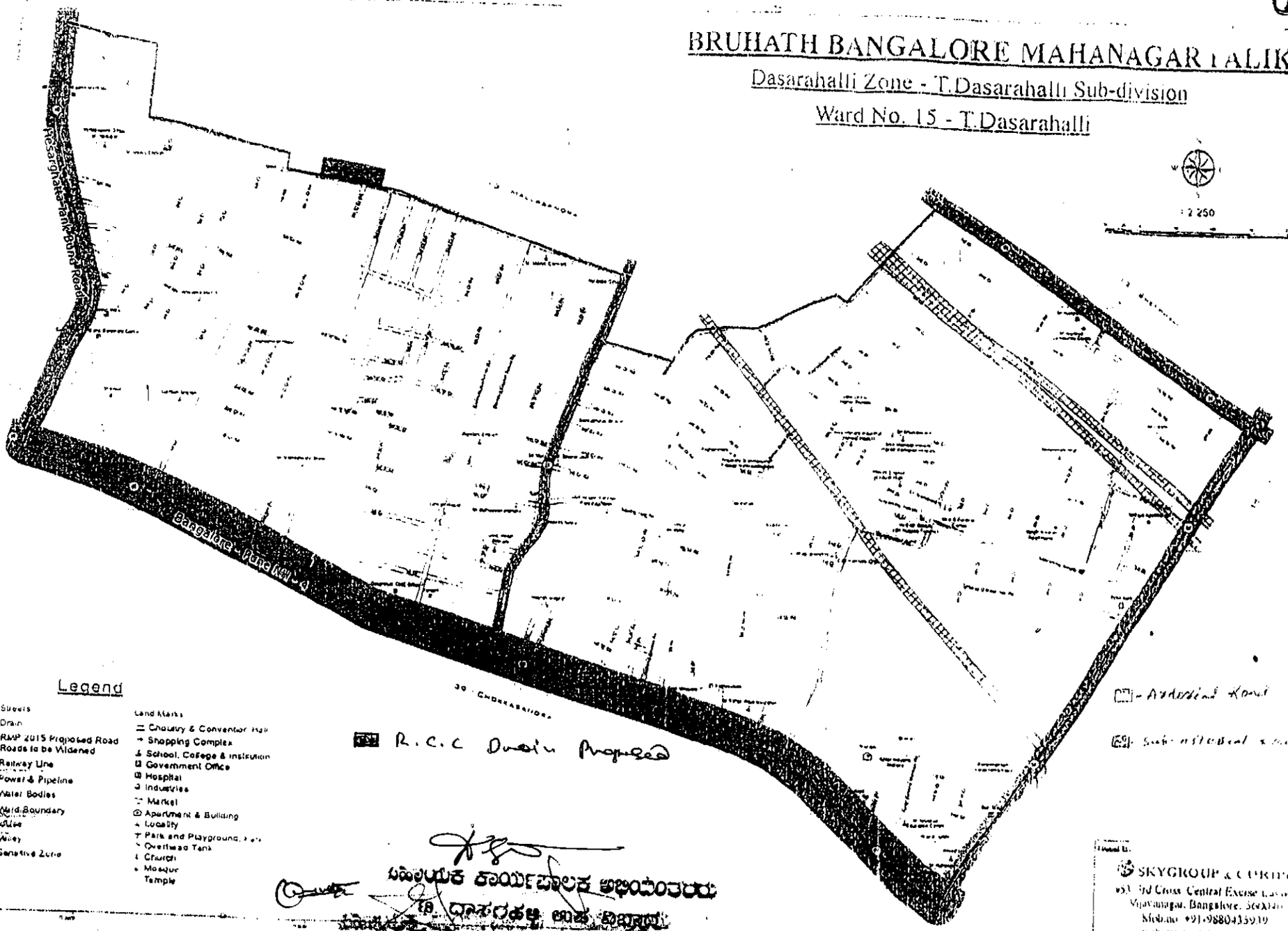
Assist. Executive Engineer
T.Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Divison-1
BBMP

BRUHATH BANGALORE MAHANAGARA PALIKE

Dasarahalli Zone - T.Dasarahalli Sub-division

Ward No. 15 - T.Dasarahalli



Legend

Streets
- Drain
- RMP 2015 Proposed Road / Roads to be Widened
- Railway Line
- Power & Pipeline
- Water Bodies
- Ward Boundary
- Landuse
- Valley
- Sensitive Zone

Land Marks
- Choultry & Convention Hall
- Shopping Complex
- School, College & Institution
- Government Office
- Hospital
- Industries
- Market
- Apartment & Building
- Locality
- Park and Playground
- Overhead Tank
- Church
- Mosque
- Temple

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ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಲಗ್ಗೆರೆ, ಬೆಂಗಳೂರು - 560 073

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